What is claimed is:

CLAIMS

1. Isolated, purified, or enriched nucleic acid comprising a contiguous nucleic acid sequence encoding hPPARγ polypeptide.

2. The nucleic acid of claim 1, wherein said contiguous nucleic acid sequence comprises no less than 60 contiguous nucleotides from sequence numbers 157 to 1641 of SEQ. ID. NO. 1.

3. The nucleic acid of claim 1, wherein said contiguous nucleic acid sequence comprises contiguous nucleotide sequence numbers 157 to 1641 of SEQ. ID. NO. 1.

4. A nucleic acid probe for the detection of nucleic acid encoding a hPPARγ polypeptide in a sample.

5. The nucleic acid probe of claim 4, comprising no less than 60 contiguous nucleotides from sequence numbers 157 to 1641 of SEQ. ID. NO. 1.

6. Recombinant nucleic acid comprising a contiguous nucleic acid sequence encoding a hPPARγ polypeptide, and a vector or a promoter effective to initiate transcription of said nucleic acid sequence in a host cell.

7. The recombinant nucleic acid of claim 6, comprising no less than 60 contiguous nucleotides from sequence numbers 157 to 1641 of SEQ. ID. NO. 1.

8. Recombinant nucleic acid comprising a transcriptional region functional in a cell, a sequence complimentary to an RNA sequence encoding a hPPARγ

polypeptide, and a transcriptional termination region functional in a cell.

9. The recombinant nucleic acid of claim 8, comprising no less than 60 contiguous nucleotides from sequence numbers 157 to 1641 of SEQ. ID. NO. 1.

10. An isolated, purified, recombinant, or enriched hPPARγ polypeptide.

11. A purified antibody having specific binding affinity to a hPPARγ polypeptide.

12. A hybridoma which produces an antibody having specific binding affinity to a hPPARγ polypeptide.

13. A method of detecting a compound capable of binding to a hPPARγ polypeptide comprising the steps of incubating said compound with said hPPARγ polypeptide and detecting the presence of said compound bound to said hPPARγ polypeptide.